(54) Title: METHOD FOR MANAGING ENERGY CONSUMPTION OF HOUSEHOLD APPLIANCES
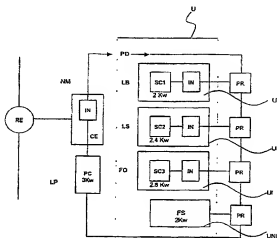
(57) Abstract: Method for managing power consumption of a users' system, said users' system comprising: a set of users (U), comprising in turn a set of smart users (UI) equipped with control systems (SC), said set of users (U) being operatively connected to a power supply network (RE); power measuring means (CE, NM), capable of transmitting information on power consumption (PD) to said control systems (SC); where the control systems (SC) perform power consumption control of the associated smart user (UI) on the basis of the information on power consumption (PD) transmitted by the power measuring means (CE, NM). According to the present invention, each control system (SC) performs power consumption control of the associated smart user (UI) on the basis of the information on power consumption (PD) and of the information on the state of the associated smart user (UI) obtained from the control system itself (SC), said information on power consumption (PD) and state information (PriorEff) of the smart user (UI) being processed for determining a priority (PriorEff), so as to establish a right for the associated smart user (UI) to the consumption of power packets (ΔP) available from the power supply network (RE).

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